

IN THE CLAIMS

The following is a complete listing of the pending claims:

Claims 1 – 24. (cancelled).

25. (new). A method of unlocking a locked file stored in mastered pre-recorded portion on a storage medium, the file being encrypted according to a content key and a complement key, the mastered pre-recorded portion including the content key but not the complement key, the storage medium also having an writeable area that is writeable by a storage engine, the method comprising:

authenticating a host device;

receiving a request from the host device at the storage engine to unlock the locked file;  
authenticating the storage engine with a server;

providing the authenticated storage engine with the key complement; and  
writing the key complement to the writeable area to unlock the file.

26. (new) The method of claim 25, wherein authenticating the host device comprises:

receiving at the storage engine a public key from a host device;

generating a random number at the storage engine to produce a secure session key;

encrypting the secure session key with the host device's public key to produce an encrypted secure session key;

transmitting the encrypted secure session key from the storage engine to the host device;

decrypting the encrypted secure session key at the host device using a private key corresponding to the host device's public key; and

transmitting the secure session key from the host device to the storage engine to authenticate the host.